

NEWSLINE

Published for the employees of Lawrence Livermore National Laboratory

June 1, 2007

Vol. 32, No. 14



Ecology vital to seal future

– Page 4

What's **INSIDE**



Battelle

*LLNS
takes
shape*

pages 2-3



*Barbara Peterson
on start of
transition*

page 5



LAB NEWS

George Miller unveils LLNS management structure



BOB HIRSCHFELD/NEWSLINE

George Miller receives a standing ovation after the first in a series of town hall meetings this week that unveiled the LLNS management structure.

By Don Johnston
Newsline staff writer

In the first of a series of town hall meetings Wednesday, Lawrence Livermore National Security, LLC (LLNS) President George Miller unveiled the management structure of the company and introduced some of the “key personnel” that will manage and operate the Laboratory effective Oct. 1.

“I’m really excited to introduce you to Lawrence Livermore National Security, LLC,” Miller said after explaining he would speak wearing his LLNS hat. “LLNS is proud to have been chosen to serve the nation and honored to have been selected to manage the Laboratory, one of the crown jewels of the DOE laboratory system.

“One of the things that makes the Laboratory unique is its sense of teamwork and community — a family that cares about and looks out for each other’s safety and well-being. This is a value shared by the LLNS team,” he said. “Nothing is more important than doing our work safely and securely. Even though LLNS will not be responsible for managing the Laboratory until Oct. 1, we strongly agree with the approach currently being emphasized by the UC management.”

Miller said: “LLNS was created to ensure that Livermore remains a vibrant national security laboratory serving the nation by applying exceptional science and technology to solve important national problems.”

LLNS is a public-private partnership created with the “intent to bring together the best of both worlds,” according to Miller, who emphasized that the limited liability company was created with a view to the long term future of the Laboratory — 20 years (7-year period extendable to 20 years based upon performance).

To illustrate how rapidly science and technology have changed over decades, Miller offered some observations from his own career: When he started college, lasers had just been invented and laser energy was measured in microjoules; and the fastest computers operated at hundreds of floating

LLNS Board of Governors

Lawrence Livermore National Security (LLNS), LLC management and operation of the Laboratory will be overseen by a 12-member board of governors.

The LLNS Board of Governors is divided into two groups: an executive committee and advisory members. LLNS President George Miller said Wednesday that the board will ensure “help is available from the parent companies” and provide expert advice to core Laboratory programs.

Members of the executive committee are: Committee Chair Gerald Parsky, University of California regent and Chairman of Aurora Capital Group; Vice Chair Thomas Hash, president of Bechtel Systems and Infrastructure Inc.; Craig Weaver, executive vice president of Bechtel Systems and Infrastructure Inc.; Preston Rahe, president of Washington Group International Inc.’s Energy and Environment; Marye Anne Fox, chancellor of UC, San Diego; and Bruce Darling, executive vice president for university affairs, University of California.

Advisory members include: William Madia, vice president for Batelle’s Laboratory Operations Market Sector; William Perry, former Secretary of Defense and a senior fellow at the Hoover Institution; Nicholas Moore, former chairman of Price Waterhouse Coopers; Richard Mies, retired admiral and former commander of the U.S. Strategic Command and of Science Applications International Corporation; Sidney Drell, Stanford University professor of physics emeritus and a senior fellow at the Hoover Institution; and John Gordon, first administrator of the National Nuclear Security Administration, U.S. Air Force retired general and former member of the National Security Council.

operations per second (FLOPS). Today, lasers generate megajoules and hundreds of terawatts and computers run at trillions of FLOPS, a trillion-fold increase.

“This is an amazing transformation and it’s not about to stop,” Miller said. “Think of what we can do with another factor of a million.”

Such capabilities need to be developed and

applied to address the needs of the country: developing a sustainable nuclear weapons enterprise; homeland security; understanding climate change; and providing an endless supply of clean energy, he said.

“These are the problems that Livermore was formed to solve,” Miller said. “This is Livermore’s future.”

LLNS, LLC partnership

LLNS was formed to bring together “world class experience” in science and technology, business and operations, and nuclear weapons complex critical infrastructure capabilities, according to Miller, noting additional small businesses and Texas A&M University also are part of the partnership.

He said LLNS is similar to but legally separate from Los Alamos National Security, LLC, the partnership now managing and operating Los Alamos National Laboratory. “Each partnership was set up to meet the needs of the individual labs.”

With the strength of the partners in LLNS, Miller said the Lab should have “significant opportunities for enhanced collaborations.”

Turning to the partnership’s organization, Miller said LLNS would be overseen by a board of governors made up of a six-member executive committee and six advisory members chosen for their science and technology expertise (see accompanying story).

“The board of governors will ensure help is available from the parent companies.”

Miller unveiled the new LLNS organization (see organization chart on page 3) and introduced key personnel starting with five principal associate directors (PADs): Cherry Murray, Science & Technology; Frank Russo, Business and Operations; John Doesburg, Global Security; Ed Moses, NIF and Photon Science; and Bruce Goodwin, Weapons and Complex Integration.

Key personnel include associate directors: Harold Conner Jr., Facilities and Infrastructure;

LLNS ORGANIZATION

LLNS’ leadership team draws on partners’ strengths

With a focus on scientific and engineering excellence, best business practices, safety and security, Lawrence Livermore National Security, LLC (LLNS) President George Miller announced Wednesday his key personnel within the LLNS organizational structure.

The announcement was made during the first of a series of town hall meetings with Laboratory employees. LLNS will take over management of the Laboratory beginning Oct. 1.

LLNS is a limited liability corporation (LLC) made up of five partners — the University of California, Bechtel, BWX Technologies, Washington Group and Battelle. Texas A&M University provides an academic alliance.

“The LLNS management team, working closely with Lawrence Livermore employees, will build on the Laboratory’s proud tradition of outstanding science and technology, while fully integrating world-class business systems and safety and security practices,” Miller said.

Miller emphasized the LLNS management team will take an integrated approach, “capitalizing on the strengths of the LLNS partners as well as the efforts of each Laboratory employee.”

“I recognize the value that all the employees bring to this Laboratory, and I want to ensure you under my team’s leadership LLNS will continue to value and nurture this tremendous talent and focus it on helping to solve important issues facing our nation,” Miller said.

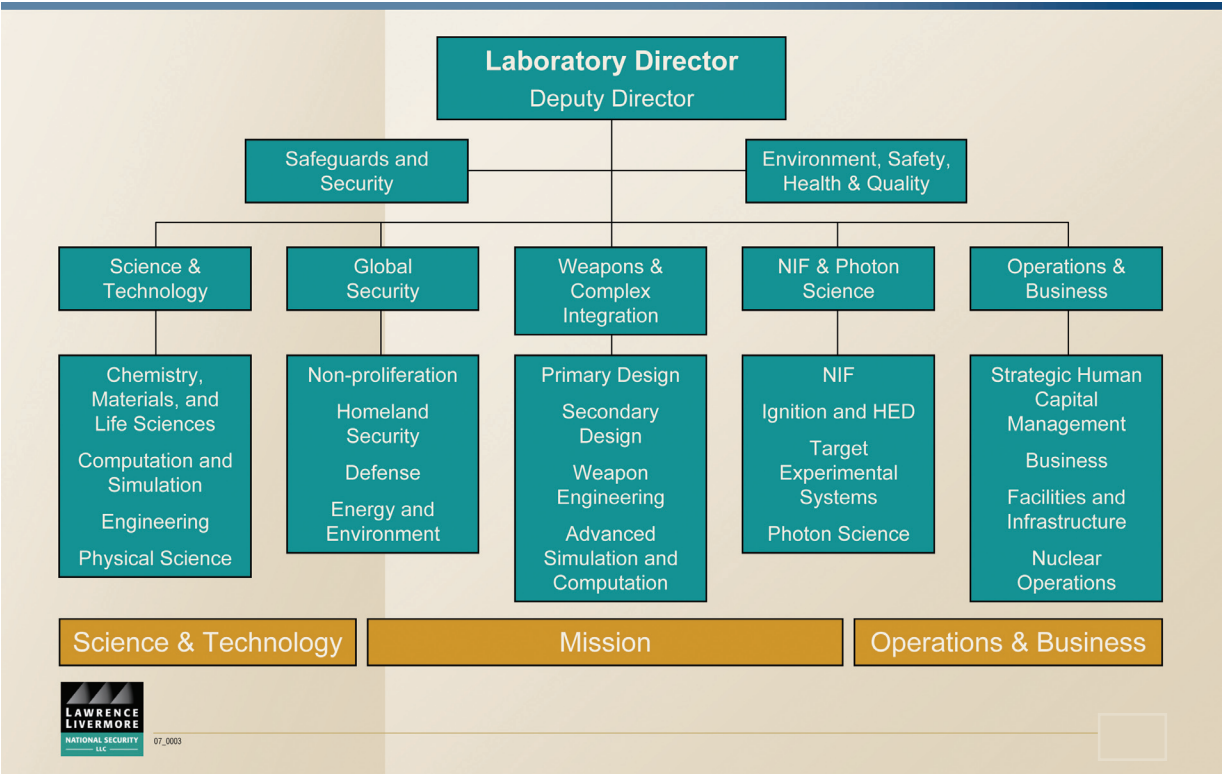
The new organizational structure includes Miller as Laboratory director and Steve Liedle as deputy director. The LLNS management team is made up of five areas headed by principal associate directors: Science & Technology, Operations & Business and three mission areas – Global Security, National Ignition Facility (NIF) and Photon Science, and Weapons and Complex Integration.

Principal associate directors for each of the five areas are:

- Cherry Murray — Science & Technology
- Frank Russo — Operations & Business
- John Doesburg — Global Security
- Ed Moses — NIF and Photon Science
- Bruce Goodwin — Weapons and Complex Integration

Thirteen additional key personnel have been named:

- Melissa Allain — Laboratory Counsel



- Harold Conner Jr. — Facilities and Infrastructure associate director
- Dona Crawford — Computation and Simulation associate director
- Tomas Diaz de la Rubia — Chemistry, Materials & Life Sciences associate director
- William Goldstein – Physical Sciences associate director
- Pamela Horning – Nuclear Operations associate director
- Tamara Jernigan – Strategic Human Capital Management associate director
- Kirkland Jones — Contractor Assurance Officer
- David Leary — Business associate director
- Allen Macenski — Environment, Safety, Health and Quality director
- Russell Miller — Safeguards and Security director
- Steven Patterson — Engineering associate director
- Linda Rakow — Chief Financial Officer

The leadership team will meet with Laboratory employees over the next several months to discuss in greater detail employee input; Laboratory vision; the organization structure; and mapping of responsibilities.

LLNS Principal Associate Directors

Cherry Murray
Science & Technology

Frank Russo
Operations & Business

John Doesburg
Global Security

Ed Moses
NIF and Photon Science

Bruce Goodwin
Weapons and Complex Integration

SCIENCE NEWS

Seal ecology vital to long-term conservation

By Anne M. Stark
Newsline staff writer

Researchers have found that prehistoric northern fur seals foraged for food across their entire range, California fur seals were distinct from other populations and breeding practices have changed over the years.

Northern fur seals (*Calorhinus Ursinus*) are a common species in archaeological sites from southern California to the Aleutian Islands. However, today, they breed almost exclusively on offshore islands at high latitudes, specifically the Pribilof Islands in the Bering Sea. Migrants from the Pribilofs have recently established breeding colonies on San Miguel Island off Southern California and Bogoslof Island in the eastern Aleutians.

Historical data show that northern fur seals once bred in temperate latitude regions in California, the Pacific Northwest and the eastern Aleutian Islands. However, that data also shows those populations in the Pacific Northwest and Aleutian Islands dwindled about 200 years ago with the arrival of Russian and European fur traders. And in central and northern California, the disappearance of the fur seal was even earlier, about 800-1,200 years ago.

Researchers found that the large amount of bones in the former breeding grounds suggests they were an important part of the marine ecosystems in those regions. Particularly novel in this study was the finding and identification of the remains of numerous seal pups estimated to be about four months old. This proves that these were true breeding colonies and not random strandings. "Evaluating the significance of current ecological trends is vital to the success of long-term conservation strategies," said Tom Guilderson of the Lab's Center for Accelerator Mass Spectrometry, who worked on the report that appears in the May 21-25 online early edition of the *Proceedings of the National Academy of Sciences* and in a later print edition.

The report, led by a former graduate student at UC Santa Cruz and now at the Carnegie Institution, and including researchers at the University of Washington, UC Santa Cruz, the National Health and Environmental

Effects Research Laboratory, the EPA, the Center for AMS at LLNL, and Stanford University, found that female northern fur seals foraged in deep, offshore waters over their entire range. So the decline in fur seals in these regions is not because they foraged close to shore where hunters would be.

The recent report stemmed out of earlier work performed by some of the co-authors in the 1990s, who teamed up to study the abrupt disappearance of northern fur seals from the archaeological record along California's central coast. As early as the 1970s, the researchers found an abundance of northern fur seal bones in shells in Northern and Central California.

In the new study, the scientists used carbon and nitrogen analysis to discover that northern fur seals in California were not visitors from other breeding grounds, but rather were year-round residents. Age control (to determine when the seals were alive) was done by radiocarbon dating. By looking at the differences in nitrogen isotopic (nitrogen, a stable element has two main isotopes of mass 15 and 14) content found in the ancient bones, the scientists determined that northern fur seals from breeding colonies in the eastern Aleutians and Pacific Northwest weaned at a much older age than their modern counterparts, which are typically weaned at four months.

Paired analysis of the stable carbon (^{12}C and ^{13}C) and nitrogen (^{15}N and ^{14}N) allowed the researchers to estimate where the seals were feeding in the ocean.

"We were able to reconstruct this species' prehistoric range and see changes in biogeography and behavior over timescales longer than ecologists

usually think about," said Seth Newsome, the lead author and now at the Carnegie Institution.

"The analysis demonstrates that northern fur seals had more temperate-latitude breeding colonies in the past, with breeding populations in California, the Pacific Northwest and the eastern Aleutian Islands and that these populations used a different reproductive strategy than modern populations,"

Guilderson said.

All other eared seals nurse their young for 12-14 months, with some nursing up to two years. This long-term maternal approach appears to have been used by northern fur seals in temperate-latitude breeding grounds, Newsome said. However, prehistoric Pribilof Islands northern fur seals weaned their young much earlier so that they could swim south with their mothers for the winter months, while the males stayed year-round in the Bering Sea, fossil records show.

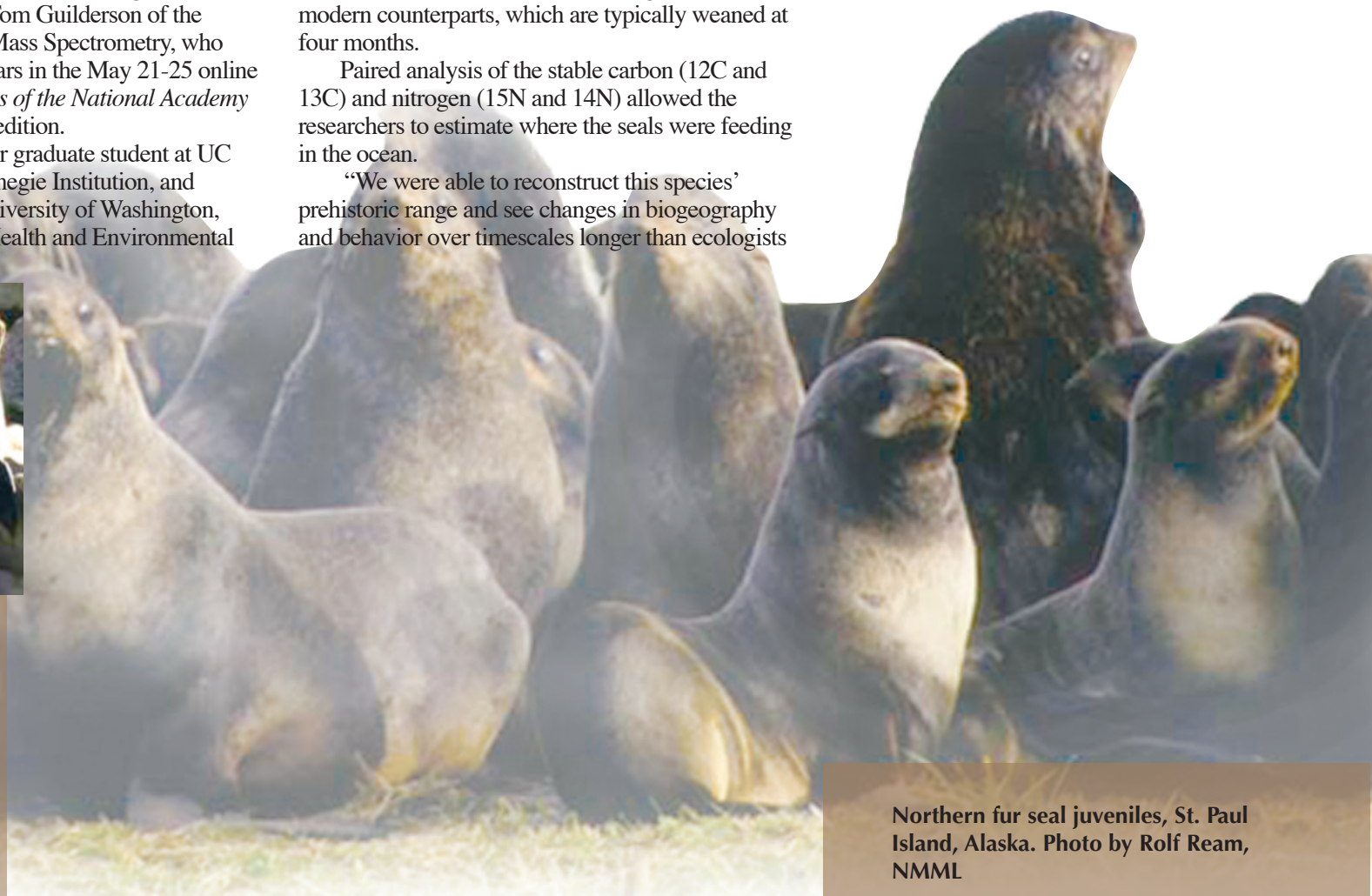
The research was funded by the National Science Foundation and student research grants from the Myers Oceanographic and Marine Biology Trust, Long Marine Laboratory and the PADI Foundation.

“Evaluating the significance of current ecological trends is vital to the success of long-term conservation strategies.”

Tom Guilderson



On the cover: Northern fur seal pups, San Miguel Island, Photo by Rolf Ream, National Marine Mammal Laboratory/National Oceanic & Atmospheric Administration



Northern fur seal juveniles, St. Paul Island, Alaska. Photo by Rolf Ream, NMML

TRANSITION NEWS

As we heard from George Miller, in his first town-hall speech as LLNS' president, the transition process is fully under way. This last week, support personnel continued to arrive on site to assist Tom Gioconda and LLNS in the formal transition process. Our Laboratory transition team has been working closely with these individuals to assist in a smooth and orderly transition.

With the formal protest period now over, LLNS is able to begin providing additional information. As George indicated, the goal for LLNS and ultimately for LLNL, come Oct. 1 is to continue to provide outstanding value and exceptional service to the nation. The LLNS management team is looking forward to meeting, listening and learning about us as they work through the details of the organizational structure George unveiled this week.

Over the next few weeks, each of our directorates will hold "colleague level" discussions with the new team to orient them. In turn, we can expect to hear from the new team in the coming weeks through specific town hall meetings held by each of the five principal associate directors (also known as PADs). These meetings will further specify the functional



A MESSAGE TO EMPLOYEES

— Barbara Peterson

responsibilities within each organization and allow all of us the opportunity to ask questions. Though the meetings are being organized by functional areas, all employees will be invited to attend each town hall. A specific schedule will be publicized in both *NewsOnLine* and on the Transition Website as soon as it is available.

In addition, LLNS plans to deliver its benefits package to NNSA/LSO for its approval sometime over the next week. Shortly afterward, NNSA will give employees the opportunity to provide formal comment on the proposed benefit plan. Information on how to do this will be provided to all employees. It

is important to remember that this is a formal NNSA process and comments will go directly to NNSA personnel. All employees are encouraged to exercise their right to comment. After the employee comment period on benefits has concluded, NNSA will review those comments and, after any revisions, formally approve the LLNS benefit plans. Once that occurs, LLNS will hold benefit meetings for employees, retirees and spouses on the approved plans.

Also occurring early in the transition is the process to map all employees into the new organization structure. As George indicated this week, all UC employees in good standing will receive a job offer. LLNS plans to mail formal job offers to all employees in mid-July. George also made it clear that LLNS highly values the workforce and has no plans for a workforce reduction or outsourcing.

Four months from today, LLNS will assume management of the Lab. These next four months are sure to go by quickly, and there will be plenty of information that all of us will need. As George mentioned in his town hall, even he has lots of questions. LLNL and LLNS will work closely together to communicate to employees as information becomes available.

TOWN HALL, from page 2

Dona Crawford, Computation and Simulation; Tomas Diaz de la Rubia, Chemistry, Materials & Life Sciences; William Goldstein, Physical Sciences; Pamela Horning, Nuclear Operations; Tamara Jernigan, Strategic Human Capital Management; David Leary, Business; and Steven Patterson, Engineering.

Other key personnel introduced: Melissa Allain, Lab counsel; Kirkland Jones, contractor assurance officer; Allen Macenski, Environment, Safety, Health and Quality director; Russell Miller, Safeguards and Security director; and Linda Rakow, chief financial officer.

"Key personnel were chosen to respond to particular concerns and showcase LLNS partners' strengths and they played a key role in the development of the LLNS proposal to manage and operate the Laboratory," Miller said.

Other members of the current UC management team that have helped make Livermore successful, who were not named as key personnel, will continue to play important roles in the Laboratory's future.

Next steps in transition

Addressing the next steps in transitioning the Laboratory to LLNS, Miller reassured UC employees that "every one of you will be offered a job. You have my commitment on that."

As the new organization takes shape, employees will be "mapped" to a new LLNS organization position.

Miller emphasized the importance of working through the transition team led by Barbara Peterson and the organizational structure currently in place.

"I know a lot of you have questions. I have lots of questions," he said. "I'm committed to answering



“Every one of you will be offered a job. You have my commitment on that.”

— GEORGE MILLER

BOB HIRSCHFELD/NEWSLINE

them as soon as the information is available. We will hold a series of town hall talks during which we will roll out further details of the new organization as they become known."

Miller concluded his talk on a personal note, explaining why he chose to lead the LLNS team. "I really do believe the Laboratory is a vital part of the national security fabric of this country, and I want to ensure that this sacred public trust endures," he said. "I strongly believe that the E.O. Lawrence tradition of multidisciplinary teams is the way to succeed in mission-directed research and I believe I can help this public-private partnership ensure that this tradition continues.

"I strongly believe in UC's tradition of objectivity, integrity and public service and I want to see that maintained as our relationship with the federal government changes. I also believe that this team of institutions and personnel are best able

to lead this Laboratory into the future and deliver the exceptional mission capability, the innovative solutions and the outstanding value we have provided in the past to NNSA and this nation.

"Most of all I care about you, each and every one of you," Miller said with great emotion. "You are the keys to the Laboratory's success. You are the connection between the fantastic accomplishments of the past and the bright future I see for this Laboratory. You are part of my extended family. Together we can take this Laboratory into the future and continue to serve this great country of ours."

Miller ended by offering a reflection on public service — a quote from a letter President John Adams wrote to his son, Thomas, in 1789. "Public service, my son, must always be done by somebody. It will be done by somebody or another. If wise men decline it, others will not; if honest men refuse it, others will not."

i.want ads

Due to the high quantity of ads and space limitations, these want ads have been abbreviated.
For the complete ad listings, refer to the internal Website: <http://www-r.llnl.gov/pao/news/ wantads.html> or for the latest pdf download and retiree information, see the external Website: <http://www.llnl.gov/pao/employee/>. Please note that these ads appear on the Web.
Date of ads: Approx. May 22 to May 29. Ads appear on the Web for seven days.

AUTOMOBILES

Subaru Outback \$3,500, dark green, AWD, automatic, 2.5L engine, 154K miles and runs well 925-443-1744

1971 Ford Torino, \$3,000 OBO, two door, 302 V-8, 209-324-9128

1997 Ford Explorer \$5,394, green, 4dr, 4x4, 4.0 SOHC V6, 125k, 925-449-9017

1997 Plymouth Breeze \$4000 obo. 71,000 miles. 925-454-1518

1998 Dodge Durango SLT 4x4 \$5,400 107k, 925-997-1297

2000 Subaru Impreza 2.5 RS \$9,990 925-371-1854

2000 Subaru Outback 2.5 RS. \$8,990 Excellent condition, 925-371-1854

2001 BMW 325ci \$16,000 Auto, Leather int., Premium pkg., 209-836-2990

2001 F-250 4X4 \$23,500 7.3L Turbo Diesel, crew cab, long bed, 707-374-3858

2001 Honda Accord \$6,900 124k new tires, put on in January. 925-454-8855

2001 Lexus 300ES \$15,500 0 Silver,Coach Edition,87K mi,AT,Air,Alloy-wheels,Non-Smoking. 209-518-2156

2001 Volkswagen Jetta \$7,000 Very clean black Jetta with a 1.8L turbo engine 925-513-3995

2002 GLX Passat \$13,000 Excellent condition in and out. Runs great. 925-518-8218

2002 Mercedes C240 \$15,900 Fully loaded, excellent condition, leather interior, 925-337-3462

2002 Yukon XL Excellent Condition \$16,000 OB Royal Blue with 20inch chrome rims. 925-240-0597

2003 Honda Accord EX-Leather \$16,000 Excellent condition, 35K miles, 209-914-8817

2004 Honda Pilot \$15,000 leather, power locks, windows, 209-239-2639

2005 Chevrolet equinox \$15,800 Mileage: 26K 209-599-0922

1996 Subaru LS wagon \$3,100 925-455-9414

BICYCLES

Trek Mountain Train Ride Along, \$80. 925-449-8020

BOATS

2005 Reinell Boat Mint Condition; \$24,000 OBO 925-240-0597 or 925-584-1612

Paddle Boat \$450 OBO This boat currently sells for \$900 new. 925-516-8925

ELECTRONIC EQUIPMENT

Computer water cooling kit \$60 925-422-6252

27 inch Sharp flat screen TV, DVD surround sound \$300 925-846-3653

GIVEAWAY

Brewing supplies Five 5-gal carboys, three 5-gal kegs, wort chiller and bottle capper 925-462-4832

Anderson sliding doors 2 - wood/metal clad 925-846-8857

Light wood veneer, two drawer desk. Roughly 4' x 2'. Free for the taking. 925-294-5783

Saddle, used saddle-seat cutback With stirrups and leathers. No girth. Pretty good condition 925-449-6911

HOUSEHOLD

Antique Rocking Chairs \$150 each Two small scale antique rocking chairs. 925-449-3499

Art Deco Cedar Hope Chest \$175 925-447-3496

Baby Bjorn baby carrier \$50 Like new condition in midnight blue. 925-876-5188

Coffee Table \$150 Beautiful brass & glass 925-449-3499

Magic Chef dishwasher, works great, remodeling, located in Livermore 209 604-1025

Dora the Explorer Toy Organizer \$15 OBO 925-413-2595

For sale \$125 Kenmore washer, extra capacity, and Westinghouse dryer, ex. cond. 925-292-1166

GE Washer and Dryer good condition. \$200 OBO for both. 925-455-4846

Graco Open Top 6 Speed Swing \$25 288-0639

Graco Toddler Bed with Mattress \$20 OBO White metal. 925-413-2595

Murphy Bed \$650 Custom, nearly-new, solid oak full-sized murphy bed. 925-918-1059

Playtex diaper genie \$10 No longer have a need. Keep those smelly diapers sealed. 925-876-5188

Queen size box spring and Mattress \$200 Like new used in guest room. 925-454 -3053

Rattan Dining set \$150 Six chairs, table is 48". Good quality. 925- 373-7025

Two recliner chairs made by Lane. \$200 each (925) 606-7422

Solid Oak Bedroom Set \$495 OBO Twin size; 925-243-9123

IN APPRECIATION

A great big thank you to my friends and co-workers who supported me in the American Cancer Society's Relay for Life in Ripon, CA. 209-402-5339

LOST AND FOUND

Lost-gold earring, two dolphins forming shape of a heart. 3-2940

Sunglasses found @ Bldg 317, Mon, May 21. Call 3-4795

MISCELLANEOUS

19 Square Foot Above Ground Pool \$500 OBO 925-443-1855

Antique sewing machine \$75 Still works. Has nice wood case. 925-454-3053

2 bins of Benny Babies. All like new. \$75 925-454-3053

Contractor Wheelbarrow \$25 large, sturdy, heavy and old 925-447-8613

Cranky the Crane \$30 comes with odor cargo car. 925-454-0877

Drafting table \$25 OBO folding 36" x 48"; 925-606-4365

Elliptical \$300 OBO Gently Used 209-918-1298

garden cultivator \$50 Mantis mini; needs some work. 925-735-6002

Graco Infant car seat/base and stroller. Sage green/maroon plaid print. \$85 925-413-2595

Kids clothes, 2T - 4T. 6 bags, \$50

Graco Duo Stroller, blue. \$75 OBO 925-784-2717

Portable wood playhouse with three windows (~ 7ft x 4.5ft, 92.5 in. to roof peak). BO. 925-443-7082

Playskool Peek N' Play Discovery Mat \$15 925-648-0671

Senca nails \$25 3K in box 925-735-6002

Spiderman Jumpy House \$25 454-8968

Spiral giant gumball vending machine \$475 OBO 925-516-8925

MOTORCYCLES

Yamaha V-Star 1100 Custom \$7,000, 9500 miles, 209-836-1706

2004 Honda

ST1300 \$8700, 209-599-2838

MUSICAL INSTRUMENTS

1903 Chickering studio upright \$2,500 OBO 925-634-9973

PETS

Ball Python \$80 OBO Very sweet male ball, 209-239-2639

Free cat beautiful gray and white 10-month old neutered male cat. 925-997-1046

Cat. Billy will be 1 year old in June. He is house trained and fixed. 209-835-8266

RECREATION EQUIPMENT

Aircraft Partnership \$6,000 1/3 ownership share in 1948 415-E model Ercoupe. 510-658-4860

Antique pool table \$500 OBO MUST sell. 5x10 Saunier-Wilhelm table 925-784-3964

Saddle, saddle stand, tack, etc. Good condition. \$500 209-839-0872

Complete golf club set, Dunlop, women's right-handed. Golf bag and stand. 925-447-3496

RIDESHARING

Montclair/Oakland \$150 Vanpool leaves Montclair school at 7 a.m. 925-424-6215

Vanpool Opening LaMorinda/Walnut Creek Vanpool, 2-3005 or 925-943-6701

SHARED HOUSING

Room for rent Pleasanton \$775/mo. Spacious, private bath, 925- 736-9009

Room for rent in Livermore \$600 Unfurnished room/private bath 510-867-4403

TRAILERS

2005 Trail Lite camping trailer. \$21,500 209-835-8266

Rage Toy Hauler \$26,500 obo Original owner, fiberglass siding, fully self-contained, 209-810-7129

TRUCKS

Ford l50 pick up \$7,500 XLP,white, excellent condition 925-735-6002

1986 K5 GMC jimmy \$5,200 obo 89000 miles 925-487-4974

1998 Dodge Ram Quadcab 4X4 \$10,500 OBO 925-876-5588

2006 Dodge Ram Maxi Cab \$37,500 Excellent condition.16Kmi. 209-745-0420

2006 Toyota Tacoma Prerunner Double Cab \$23,800 209-835-6010

2002 4X4 Z71 GMC

PU \$16,000 OBO 209-832-5462

Storage unit that fits behind the seat \$10, 925-447-5194

Dodge Durango R/T \$11,000 OBO Fully Loaded. 209-838-0304

1984 Jeep CJ 7 for sale \$9,500 OBO 209-832-2150

1998 Dodge Quad Cab 4x4 \$8,000 OBO manual 5 sp, 925-930-7926

92 ford xlt extra cab 4x4 \$3,000, good condition. 925-422-5810

VACATION RENTALS

Arnold area mtn home 1600 sq. ft. 925-245-1114

Kona Big Island of Hawaii Vacation Rental Home 415-377-5361

Maui, HI Kahana Reef oceanfront 1BR/1BA condo 925-449-0761

Santa Cruz Beach House near harbor. 1 mile from boardwalk. 2 BR, 2 BA, spa, 925-245-1114

SOUTH LAKE TAHOE CHALET Lab Rates 3 BR 2 BA, 209-599-4644

Truckee, Tahoe-Donner Cabin 125.00 3bd/2bth home Pets OK. 925-858-0419

Wine Country rental home along the Russian River in Sonoma County. 925-513-4767

WANTED

Boat Trailer for hauling a 12' to 14' aluminum boat. 925-443-5549

I'm looking to buy coins and stamps, new and old, foreign or United States. 925-422-3794

Dog crate for 25 lb. dog. 925-548-3515

If you have moving boxes and packing material that you would like to get rid of or sell, 925-525-0931

Looking for el-cheapo set of oars w/locks to use on Jon-boat. (Need oars, not paddles.) 925-545-1006

Your rooftop cargo carrier that you are not using. 925-454-1478

Need solar panel for 12 volt system, 50 watts or more. 925-846-3970

Soccer Equipment New soccer coach looking for practice equipment, drills and practice goals. 925-828-5331

Toys - For 1 year old girl. You name price. 925-548-3515

RETIREES' CORNER

Frank Rainer (ME, NIF, 2003) and his wife, **Sigrid**, traveled only 25 weeks in 2006. After their Antarctica trip early in the year, it was a relaxing week in Acapulco in May. Next it was a pair of tours in July, visiting former western Soviet Republics. First was Poland, where both of their families originated. Then it was the fascinating Baltic countries — including the Russian enclave of Kaliningrad where Frank was born. Back in Vilnius, Lithuania they found the Lutheran church that was home to another LLNL retiree, **Viktor Hampel**. The second tour covered Belarus, Ukraine, Moldova and even the breakaway republic of Transnistria. After four weeks at home, they spent three weeks touring the “Five Stans.” Then Frank went to West Africa. After Christmas at home, they went to Ethiopia. See Web page for full details.

The **retiree picnic** will be held June 20 at Ravenswood Historical Park in Livermore. The Park opens at 11 a.m. and lunch is scheduled for noon. Advance payment and reservations must be received by June 16. You can use the form posted on this Website, <http://www.llnlretirees.org/home.html>. Simply print the form, fill it out and mail it to the Retirees Association with

payment: \$20 for each attendee. (If you sign up but later have to cancel, we'll return your check if you cancel by June 16.)

If you don't have a printer, find another retiree to print the form out for you or phone Association Chair Jeff Garberson (443-4297) to have a form mailed to you.

The final travel group meeting for the year will be June 26 at 2 p.m. in the Livermore City Council Chambers on Pacific Avenue next to the Multi-Service Center and near the Barn. The topic is: “Wandering Around Japan,” by **Miles and Jackie Lloyd**. The travel group will meet again in January 2008.

Gus and Jane Olson have been doing the Retirees' Corner for more than four years now and are ready for a change. They would like to give some other retiree the opportunity to take on this job. The only requirement would be that you have a computer and e-mail. Perhaps someone who is retiring soon would enjoy this volunteer job. If you are interested, call them at 925-443-4349 to talk about the job.

Send any input to Jane or Gus Olson. E-mail: AugustO@aol.com or JaneRubert@aol.com. Snail mail address: 493 Joyce St., Livermore, CA 94550.

PEOPLE NEWS

IN MEMORIAM

Robert Ward Bainer

Robert Bainer died May 16 at his home in Livermore. He was 56.

A native of Kansas, he had lived in Livermore since 1995. He was a geologist in the Lab's Environmental Restoration Division of the Environmental Protection Department.

His hobbies included hunting, fishing and gardening.

Bainer is survived by his wife, Patricia of Livermore; parents Loren and Nina Bainer of Fremont; children Ellen Bainer of Orinda and Russell Bainer of Chicago; stepsons, Jonathan Fey of Pleasanton and Steven Fey of North Carolina; a brother, Scott Bainer of Virginia; sisters Shari Lejsek of Shingletown, and Cynthia Dwinells of Texas; and five grandchildren. He was preceded in death by his brothers Michael in 1985 and Jeffrey in 1992.

Services were conducted in Livermore.

John A. Button

John A. (Jack) Button died May 15 at Kaiser Hospital in Walnut Creek. He was 75.

A resident of Livermore since 1956, he retired from the Lab in 1990 after 35 years of service. He also served in the U.S. Navy during the Korean War. He was a member of the Masonic Order in Olean, N.Y., and an avid bridge player.

Button leaves his wife of 56 years, Lois Button; daughters Adelle Button-Bell, Marlyn Peacock and Michele (Shelley) Decoteau; sisters-in-law Naida Connery and Nadine Button; six grandchildren; and seven nieces and nephews.

Services were held on May 24, his 76th birthday.

Ernie Allen Ferris III

Ernie Allen Ferris III, a Lab retiree, died May 9, in San Ramon.

Born in Sparks, Nev. to Ernie and Elizabeth Ferris, he moved to Piedmont in 1941 and then settled in Castro Valley in 1955.

He worked at the Lab from 1956 until his retirement in 1991 and was a member of the computer support group of Electronics Engineering. He enjoyed traveling, backpacking, rollerblading, sailing and cooking.

Ferris is survived by his son, Ted Ferris of Castro Valley; daughter Sherry Lipari and her family of Livermore; and daughter Candice Kjobech and her family of Albuquerque, N.M.

Memorial gifts in his name may be made to a favorite charity.

Flag flown by Marines in Afghanistan now displayed in Bldg. 111



JULIE KORHUMMEL/NEWSLINE

George Sakaldasis (left) and Jeff Freeman display the American flag brought back by Freeman from his tour of duty as a U.S. Marine Corps helicopter pilot in Afghanistan.

In honor of Memorial Day, the Laboratory Armed Forces Veterans Association (LLAFVA) and the Work-Life Center conducted a flag dedication ceremony Wednesday in the Bldg. 111 Lobby. The flag was given to the Lab by Jeff Freeman, of the Hazards Control Department, who brought it back from Afghanistan in 2004 after serving as a helicopter pilot with the U.S. Marine Corps.

Freeman explained that the flag was flown during a successful, yet hazardous, mission near Pakistan while looking for high value targets. During the mission, two of the enemy were captured.

George Sakaldasis of the National Security Office accepted the flag on behalf of the Laboratory and the LLAFVA and thanked Freeman for being one of the many Americans who has fought in conflicts around the world.

NEWSLINE

Newsline is published bi-weekly by the Public Affairs Office, Lawrence Livermore National Laboratory (LLNL), for Laboratory employees and retirees.

Public Affairs Office: L-797 (Trailer 6527), LLNL, P.O. Box 808, Livermore, CA 94551-0808
Telephone: (925) 422-4599; Fax: (925) 422-9291
e-mail: newsline@llnl.gov or newsonline@llnl.gov
Web site: <http://www.llnl.gov/pao/>
Distribution: Mail Services at LLNL

Newsline editor: Don Johnston, 3-4902

Contributing writers: Bob Hirschfeld, 2-2379; Linda Lucchetti, 2-5815; David Schwoegler, 2-6900; Anne M. Stark, 2-9799; Stephen Wampler, 3-3107.

Photographer: Jacqueline McBride
Designers: Julie Korhummel, 2-9709; Kathleen Smith, 3-4769

For an extended list of Lab beats and contacts, see <http://www.llnl.gov/pao/contact/>

SECURITY NEWS

Spy case shows need to protect unclassified info

By Jeff Morris
TID

In perhaps the most significant espionage case in years, a criminal conviction was handed down to a man accused of taking thousands of pages of documents from his employer, a U.S. Navy defense contractor in Southern California and passing them to a foreign nation.

On May 10, a jury in Santa Ana, Calif., found Chi Mak guilty of acting as an unregistered foreign agent, attempting to violate export control laws and making false statements to the FBI.

"This case is significant for Lawrence Livermore National Laboratory and other U.S. defense contractor research facilities because it involves unclassified information on research projects with military applications," said Terry Turchie of LLNL's Security Awareness For Employees (SAFE) program.

A key part of Mak's defense was that the documents were unclassified. The documents



were labeled "proprietary" and "restricted," according to court papers.

According to news reports, investigators said the lack of classified documents revealed that Navy officials underclassified some of the most sensitive information about weapons systems to make it easier for private defense contractors to use the data.

Mak, a Chinese-born, naturalized U.S. citizen, worked as an electrical engineer with the defense firm Power Paragon, a subsidiary of the Fortune 500 company known as L-3. Power Paragon is located in Anaheim.

Mak was arrested in 2005 in Los Angeles after FBI agents stopped two of his relatives as they boarded a flight to Hong Kong with three CDs that contained encrypted documents in their luggage, according to numerous news reports.

The documents contained information on an electronic propulsion system that could make submarines "virtually undetectable," on a solid-state power switch for ships, and a PowerPoint presentation on the future of power electronics.

Investigators believe Mak gave China schematics and design information on the latest Aegis anti-missile weapons system. One U.S. defense official says the Chinese have already incorporated the technology into their Luyang II guided-missile destroyer.

Investigators also found data on the Navy's DD(X) destroyer program on encrypted files destined for the Center for Asia Pacific Studies at Zhongshan University in Guangzhou, China, according to the FBI and the Naval Criminal Investigative Service.

NCIS said the center in Guangzhou is run by the Chinese military and conducts "operational research" for it, including acquiring U.S. Navy technology.

In a jailhouse interview two days after his arrest, Mak confessed to the conspiracy and identified his Chinese government handler and specific restricted documents.

Mak told investigators that he had supplied sensitive Navy weapons secrets to the Chinese since 1983. He received a secret-level security clearance in 1996.

Sentencing is scheduled for Sept. 10.

For more information, see the Counterintelligence Case of the Month on the SAFE Web page, <http://www-r.llnl.gov/safe/CI-month/index.html>



BOB HIRSCHFELD/NEWSLINE

Vic Reis visits Lab

Vic Reis, a senior advisor in DOE's Office of the Secretary visited the Laboratory earlier this week to receive updates on weapons programs. He toured the Terascale Simulation Facility (TSF). From left to right in the TSF lobby, newly adorned with banners: Kirk Levedahl, DOE; Steve Binkley, DOE; Reis; Mike Dunning, LLNL.



Newsline
UC-LLNL
PO Box 808, L-797
Livermore, CA 94551-0808